

REMARKS

Claims 1-23 pending in the application, withdrawn claims 24-35 and claims 36-39 being canceled.

Claims 1, 2, 6, 7, 11-14, 18, 19, 22-25 and 36 over Ramasubramani in view of Gentry, and claims 3-5, 8-10, 15-17, 20, 21 and 26-31 variously in further view of Barzegar, Boyle, Kung and Boyle2

In the Final Office Action, claims 1, 2, 6, 7, 11-14, 18, 19, 22, 23, 24, 25 and 36 were rejected under 35 U.S.C. §103(a) as allegedly being obvious over U.S. Patent No. 6,507,589 to Ramasubramani et al. ("Ramasubramani") in view of U.S. Patent No. 6,799,210 to Gentry et al. ("Gentry"); and claims 3-5, 15-17 and 26-29 were rejected under 35 U.S.C. §103(a) as allegedly being obvious over Ramasubramani in view of Gentry and U.S. Patent No. 5,894,478 to Barzegar et al. ("Barzegar"), with claims 8, 10, 20 and 21 rejected under 35 U.S.C. §103(a) as allegedly being obvious over Ramasubramani in view of Gentry and U.S. Patent No. 6,119,167 to Boyle et al. ("Boyle"), with claim 9 rejected under 35 U.S.C. §103(a) as allegedly being obvious over Ramasubramani in view of Gentry and U.S. Patent No. 6,826,173 to Kung et al. ("Kung"), with claim 30 rejected under 35 U.S.C. §103(a) as allegedly being obvious over Ramasubramani in view of Gentry, Barzegar and Boyle, and claim 31 rejected under 35 U.S.C. §103(a) as allegedly being obvious over Ramasubramani in view of Gentry, Barzegar, Boyle and U.S. Patent No. 6,138,158 to Boyle et al. ("Boyle2"). The Applicants respectfully traverse the rejections

In the Advisory Action March 19, 2007, the Examiner alleges that the primary references Ramasubramani and Gentry teach the invention of independent claims 1 and 13. In particular, the Examiner argues that Ramasubramani's push protocol data unit (PDU) disclosed at col. 15, lines 1-12 and 25-34, allows the back end of a network to communicate with various wireless networks using a standard method. The Examiner asserts that "Encapsulation is just the same thing, it allows the actual protocol to be hidden so

that they all can be treated equally in the back end network. The PDU is the systems form of encapsulation by standardizing the communications as they are being forwarded to and from the protocol gateways."

The Applicants respectfully points out that this is NOT encapsulation as disclosed and defined by the present invention. So as to further articulate 'encapsulation' as disclosed and defined herein, all pending claims are amended to require that the protocol gateway encapsulates the fundamental network protocol such that an encapsulation protocol is transparent to the client application and to the server application. This is clearly explained and disclosed throughout the specification, e.g., at page 31, lines 8-12.

The cited passage in Ramasubramani explains that a "push agent is responsible for forming a push PDU that is to be sent by the multi-network gateway. (Ramasubramani, col. 15, lines 3-5) Ramasubramani goes on to explain that the "received PDU is associated with an appropriate airlink within the pull agent." (Ramasubramani, col. 15, lines 25-27)(emphasis added) This clearly explains that Ramasubramani's protocol gateway merely receives a message from one of a given multi-network interfaces, and passes it on via an 'appropriate' output interface. This is an application level selection of an appropriate protocol and interface—NOT encapsulation by a higher level common protocol that is transparent to the client application and to the server application, as claimed by claims 1-23.

The secondary reference Gentry is cited to merely show the use of a media gateway.

Neither Ramasubramani nor Gentry, nor any of the numerous tertiary references, disclose, teach or suggest encapsulation by a higher level common protocol that is transparent to the client application and to the server application, as claimed by claims 1-23.

Accordingly, for at least all the above reasons, claims 1-23 are patentable over the prior art of record. It is therefore respectfully requested that the rejection be withdrawn.

Conclusion

All objections and rejections having been addressed, it is respectfully submitted that the subject application is in condition for allowance and a Notice to that effect is earnestly solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William H. Bollman", written over a horizontal line.

William H. Bollman
Reg. No.: 36,457
Tel. (202) 261-1020
Fax. (202) 887-0336

MANELLI DENISON & SELTER PLLC
2000 M Street, N.W. 7th Floor
Washington D.C. 20036-3307